

## **Internship opportunity for Corridor Mapping using the Geospatial Technology**

### **Background:**

We are looking for highly motivated and skilled intern(s) to support our ongoing IUCN-KfW supported project having one of the objectives on corridor mapping for tiger and prey species in Sikkim. The intern(s) will be engaged to delineate potential corridor and habitat for tiger in the state.

**Duration:** 6 months

**Location:** Delhi, India (with travel to project sites in Sikkim)

**Stipend:** Paid/unpaid, subject to experience and skill sets

### **Responsibilities:**

- Collect, process, and analyze satellite imagery and other geospatial data to identify potential wildlife corridors in the project landscape.
- Utilize GIS tools and techniques to conduct spatial analysis and mapping of tiger habitats, prey distribution, land cover, and landscape connectivity.
- Collaborate with the project team to integrate field data, species occurrence records, and environmental variables for corridor mapping.
- Assist in the development of habitat suitability models and contribute to the identification of priority areas for conservation interventions.
- Field visits for ground truthing of remotely sensed data.
- Prepare detailed reports and maps, to communicate research findings.

### **Qualifications:**

- Currently enrolled in or recent graduate with a degree in Geography, Environmental Science, Remote Sensing, or a related field.
- Knowledge about Remote Sensing and GIS software (e.g., ArcGIS, QGIS, ERDAS Imagine, Fragstats) for image processing and analysis.
- Strong understanding of spatial analysis techniques, data management, and cartographic principles.
- Experience or coursework in wildlife conservation, ecology, or biodiversity studies is desirable.
- Excellent communication skills and ability to work independently and as part of a team.

### **Benefits:**

- Training and hands-on experience in applying remote sensing and GIS techniques to biodiversity conservation and environmental management research projects.
- Opportunity to work closely with leading professionals in the field of wildlife conservation and geospatial technology.
- Potential for networking and collaboration on ongoing research initiatives.
- Experience/training certificate and recommendation letter upon successful internship tenure.

### **Application Procedure:**

Interested candidates should send a cover letter, CV, and two references with contact details to [research@globaltigerforum.org](mailto:research@globaltigerforum.org) by 07.01.2024.